

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001044

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04B 7/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04B, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, JP as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
KIPONET, DELPHION & Keyword : wireless, internet, mobile, IP, handover, Care of Address, Router and similar terms

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0104814 A1 ( Docomo Communications Laboratories USA ) 5 June 2003 * the whole document *	1 - 9
A	WO 03/092316 A1 ( Nokia Corp. ) 6 November 2003 * the whole document *	1 - 9
A	"A client-based handoff mechanism for mobile IPv6 wireless networks"; Patanapongpibul, L.; Mapp, G.; Computers and Communication, 2003. (ISCC 2003). Proceedings. Eighth IEEE International Symposium on, 30 June-3 July 2003 Pages:563 - 568 vol.1	1 - 9
A	"Improved handover performance in wireless mobile IPv6"; Cornall, T.; Pentland, B.; Khee Pang; Communication Systems, 2002. ICCS 2002. The 8th International Conference on , Volume: 2 , 25-28 Nov. 2002 Pages:857 - 861 vol.2	1 - 9
A	"Design of broadband IPv6/IPv4 dual-stack access router based on service stream"; Jiming Gao; Yu Zhang; Limin Hou; Ziqiang Hou; Parallel and Distributed Computing, Applications and Technologies, 2003. PDCAT'2003. Proceedings of the Fourth International Conference on , 27-29 Aug. 2003 Pages:2 - 6	1 - 9

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

23 AUGUST 2004 (23.08.2004)

Date of mailing of the international search report

23 AUGUST 2004 (23.08.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIN, Jun Ho

Telephone No. 82-42-481-8129



# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001044

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03/092316 A1	2003-11-06	US 2004/0018841 A1	2004-01-29
US 2003/0104814 A1	2003-06-05	JP 2003-209872 A2	2003-07-05